



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Gust H. Bardy et al. Confirmation No.:
Serial No.: 09/940,273 Examiner:
Filing Date: August 27, 2001 Group Art Unit:
Docket No.: 1201.1104101 Customer No.: 28075
For: CARDIOVERTER-DEFIBRILLATOR HAVING A FOCUSED SHOCKING AREA
AND ORIENTATION THEREOF

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

RECEIVED

MAY 17 2004

TECHNOLOGY CENTER R3700

**INFORMATION DISCLOSURE STATEMENT BEFORE MAILING DATE OF
EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 C.F.R. § 1.97(c))**

CERTIFICATE UNDER 37 C.F.R. 1.10: The undersigned hereby certified that this paper or papers, as described herein are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EV 315613997 US, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 11th day of May 2004

By Kathleen L. Boekley
Kathleen L. Boekley

Dear Sir:

Pursuant to the obligations of candor and good faith imposed by 37 C.F.R. § 1.56, the documents listed on the attached Form PTO-1449 are hereby disclosed.

No representation is intended to be made hereby that any of the cited references establishes, by itself or in combination with other information, a prima facie case of unpatentability of any claim of the present case.

The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application or after the mailing date of the first office

05/13/2004 TBESHAH1 00000064 09940273

01 FC:1806

180.00 0P

action on the merits, whichever event occurred last but before the mailing date of either a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, whichever occurs first.

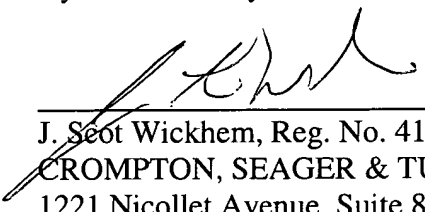
Accompanying this Information Disclosure Statement are fees in the amount of \$180.

Respectfully submitted,

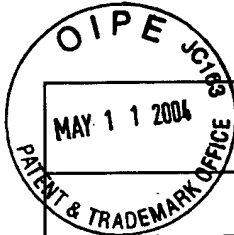
Gust H. Bardy et-al.

By their Attorney,

Date: May 11, 2004



J. Scot Wickhem, Reg. No. 41,376
CROMPTON, SEAGER & TUFTE, LLC
1221 Nicollet Avenue, Suite 800
Minneapolis, MN 55403-2420
Telephone: (612) 677-9050
Facsimile: (612) 359-9349

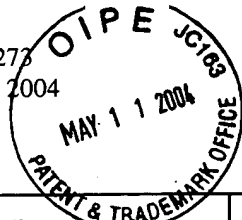


FORM PTO-1449		Atty. Docket No.: 1201.1104101	Serial No.: 10/940,273
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant: Gust H. Bardy et al.	
		Customer No.: 5279	
		Filing Date: August 27, 2001	Group Art: 3762

U.S. PATENT DOCUMENTS

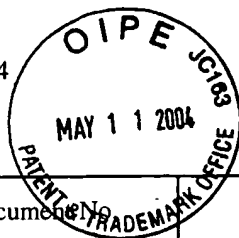
Examiner Initial	Document No.	Date	Name	Filing Date If Appropriate
AA	H1,905	10/03/2000	Hill	
AB	3,653,387	04/04/1972	Ceier	
AC	3,710,374	01/09/1973	Kelly	
AD	3,911,925	10/14/1975	Tillery, Jr.	
AE	3,987,799	10/26/1976	Purdy et al.	
AF	4,094,321	06/13/1978	Muto	
AG	4,157,720	06/12/1979	Greatbatch	
AH	4,191,942	03/04/1980	Long	
AI	4,223,678	09/23/1980	Langer et al.	
AJ	4,248,237	02/03/1981	Kenny	
AK	4,291,707	09/29/1981	Heilman et al.	
AL	4,314,095	02/02/1982	Moore et al.	
AM	4,402,322	09/06/1983	Duggan	
AN	4,407,288	10/04/1983	Langer et al.	
AO	4,424,818	01/10/1984	Doring et al.	
AP	4,450,527	05/22/1984	Sramek	
AQ	4,567,900	02/04/1986	Moore	
AR	4,602,637	07/29/1986	Elmqvist et al.	
AS	4,603,705	08/05/1986	Speicher et al.	
AT	4,693,253	09/15/1987	Adams	
AU	4,765,341	08/23/1988	Mower et al.	
AV	4,800,883	01/31/1989	Winstrom	
AW	4,821,724	04/18/1989	Whigham et al.	
AX	4,830,005	05/16/1989	Woskow	

RECEIVED
MAY 17 2004
TECHNOLOGY CENTER R3700



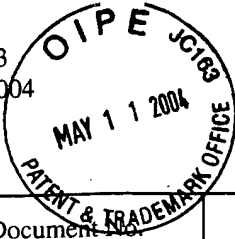
Examiner Initial	Document No.	Date	Name	Filing Date If Appropriate
AY	4,944,300	07/31/1990	Saksena	
AZ	5,105,810	04/21/1992	Collins et al.	
BA	5,107,836	04/28/1992	Fenster	
BB	5,109,842	05/05/1992	Adinolfi	
BC	5,129,392	07/14/1992	Bardy et al.	
BD	5,133,353	07/28/1992	Hauser	
BE	5,144,946	09/08/1992	Weinberg et al.	
BF	5,184,616	02/09/1993	Weiss	
BG	5,191,901	03/09/1993	Dahl et al.	
BH	5,203,348	04/20/1993	Dahl et al.	
BI	5,230,337	07/27/1993	Dahl et al.	
BJ	5,255,692	10/26/1993	Neubauer et al.	
BK	5,261,400	11/16/1993	Bardy	
BL	5,292,338	03/08/1994	Bardy	
BM	5,300,106	04/05/1994	Dahl et al.	
BN	5,331,966	07/26/1994	Bennett et al.	
BO	5,342,407	08/30/1994	Dahl et al.	
BP	5,366,496	11/22/1994	Dahl et al.	
BQ	5,376,103	12/27/1994	Anderson et al.	
BR	5,376,104	12/27/1994	Sakai et al.	
BS	5,385,574	01/31/1995	Hauser et al.	
BT	5,391,200	02/21/1995	KenKnight et al.	
BU	5,405,363	04/11/1995	Kroll et al.	
BV	5,411,539	05/02/1995	Neisz	
BW	5,411,547	05/02/1995	Causey, III	
BX	5,413,591	05/09/1995	Knoll	
BY	5,423,326	06/13/1995	Wang et al.	
BZ	5,470,345	11/28/1995	Hassler et al.	
CA	5,476,503	12/19/1995	Yang	
CB	5,509,923	04/23/1996	Middleman et al.	

RECEIVED
MAY 17 2004
TECHNOLOGY CENTER R3700



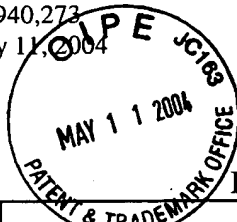
Examiner Initial	Document No.	Date	Name	Filing Date If Appropriate
CC	5,509,928	04/23/1996	Acken	
CD	5,531,765	07/02/1996	Pless	
CE	5,531,766	07/02/1996	Kroll et al.	
CF	5,534,019	07/09/1996	Paspa	
CG	5,534,022	07/09/1996	Hoffmann et al.	
CH	5,597,956	01/28/1997	Ito et al.	
CI	5,601,607	02/11/1997	Adams	
CJ	5,603,732	02/18/1997	Dahl et al.	
CK	5,618,287	04/08/1997	Fogarty et al.	
CL	5,620,477	04/15/1997	Pless et al.	
CM	5,643,328	07/01/1997	Cooke et al.	
CN	5,645,586	07/08/1997	Meltzer	
CO	5,658,317	08/19/1997	Haefner et al.	
CP	5,658,321	08/19/1997	Fayram et al.	
CQ	5,674,260	10/07/1997	Weinberg	
CR	5,690,648	11/25/1997	Fogarty et al.	
CS	5,690,683	11/25/1997	Haefner et al.	
CT	5,697,953	12/16/1997	Kroll et al.	
CU	5,713,926	02/03/1998	Hauser et al.	
CV	5,766,226	06/16/1998	Pedersen	
CW	5,776,169	07/07/1998	Schroeppel	
CX	5,814,090	09/29/1998	Latterell et al.	
CY	5,836,976	11/17/1998	Min et al.	
CZ	5,871,506	02/16/1999	Mower	
DA	5,895,414	04/20/1999	Sanchez-Zambrano	
DB	5,919,211	07/06/1999	Adams	
DC	5,919,222	07/06/1999	Hjelle et al.	
DD	5,925,069	07/20/1999	Graves et al.	
DE	5,935,154	08/10/1999	Westlund	
DF	5,941,904	08/24/1999	Johnston et al.	

RECEIVED
MAY 17 2004
TECHNOLOGY CENTER R3700



Examiner Initial	Document No.	Date	Name	Filing Date If Appropriate
DG	6,014,586	01/11/2000	Weinberg et al.	
DH	6,026,325	02/15/2000	Weinberg et al.	
DI	6,058,328	05/02/2000	Levine et al.	
DJ	6,076,014	06/13/2000	Alt	
DK	6,093,173	06/25/2000	Balceta et al.	
DL	6,095,987	08/01/2000	Shmulewitz et al.	
DM	6,128,531	10/03/2000	Campbell-Smith	
DN	6,144,866	11/07/2000	Miesel et al.	
DO	6,169,923	01/02/2001	Kroll	
DP	6,185,450	02/06/2001	Seguine et al.	
DQ	6,411,844	06/25/2002	Kroll et al.	
DR	6,445,956	09/03/2002	Laird et al.	
DS	6,647,292	11/11/2003	Bardy et al.	
DT	6,721,597	04/13/2004	Bardy et al.	
DU	2001/0027330 A1	10/04/2001	Sullivan et al.	
DV	2002/0120296 A1	08/29/2002	Mech et al.	
DW	2002/0072773 A1	06/13/2002	Bardy et al.	
DX	2002/0068958 A1	06/06/2002	Bardy et al.	
DY	2002/0049475 A1	04/25/2002	Bardy et al.	
DZ	2002/0042630 A1	04/11/2002	Bardy et al.	
EA	2002/0035376 A1	03/21/2002	Bardy et al.	
EB	2002/0035377 A1	03/21/2002	Bardy et al.	
EC	2002/0035378 A1	03/21/2002	Bardy et al.	
ED	2002/0035379 A1	03/21/2002	Bardy et al.	
EE	2002/0035380 A1	03/21/2002	Rissmann et al.	
EF	2002/0042634 A1	04/11/2002	Bardy et al.	
EG	2002/0049476 A1	04/25/2002	Bardy et al.	
EH	2002/0052636 A1	05/02/2002	Bardy et al.	

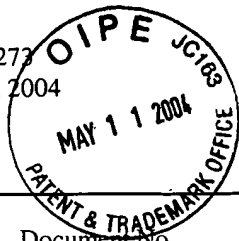
RECEIVED
MAY 17 2004
TECHNOLOGY CENTER R3700



FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation Yes No
EI		DE 298 01 807 U1 ✓	07/16/1998	Germany	Yes
EJ		EP 0 095 727 A1 ✓	12/07/1983	Europe	
EK		EP 0 316 616 A2,3 ✓	05/24/1989	Europe	Yes
EL		EP 0 347 353 A1 ✓	12/20/1989	Europe	Yes
EM		EP 0 517 494 A3 ✓	12/09/1992	Europe	
EN		EP 0 517 494 B1 ✓	12/09/1992	Europe	
EO		EP 0 518 599 A2 ✓	12/16/1992	Europe	
EP		EP 0 518 599 B1 ✓	12/16/1992	Europe	
EQ		EP 0 536 873 B1 ✓	04/14/1993	Europe	
ER		EP 0 586 858 B1 ✓	03/16/1994	Europe	
ES		EP 0 627 237 A1 ✓	12/07/1994	Europe	
ET		EP 0 641 573 A2 ✓	03/08/1995	Europe	
EU		EP 0 641 573 A3 ✓	03/08/1995	Europe	
EV		EP 0 677 301 A1 ✓	10/18/1995	Europe	
EW		EP 0 917 887 A1 ✓	05/26/1999	Europe	
EX		EP 0 923 130 A1 ✓	06/16/1999	Europe	Yes
EY		EP 1 000 634 A1 ✓	05/17/2000	WIPO	Yes
EZ		WO 93/19809 A1 ✓	10/14/1993	WIPO	
FA		WO 97/29802 A2 ✓	08/21/1997	WIPO	
FB		WO 98/25349 A1 ✓	06/11/1998	WIPO	
FC		WO 99/03534 A1 ✓	01/28/1999	WIPO	
FD		WO 99/37362 A1 ✓	07/29/1999	WIPO	
FE		WO 99/53991 A1 ✓	10/28/1999	WIPO	
FF		WO 00/41766 A1 ✓	07/20/2000	WIPO	
FG		WO 00/50120 A1 ✓	08/31/2000	WIPO	
FH		WO 01/43649 A1 ✓	06/21/2001	WIPO	
FI		WO 01/56166 A2 ✓	08/02/2001	WIPO	
FJ		WO 02/22208 A2 ✓	03/21/2002	WIPO	
FK		WO 02/22208 A3 ✓	03/21/2002	WIPO	

RECEIVED
MAY 17 2004
TECHNOLOGY CENTER R3700



		Document No.	Date	Country	Translation Yes No
FL		WO 02/24275 A2	03/28/2002	WIPO	
FM		WO 02/24275 A3	03/28/2002	WIPO	
FN		WO 02/068046 A1	09/06/2002	WIPO	
FO		WO 03/018121 A2	03/06/2003	WIPO	

RECEIVED
MAY 17 2004
TECHNOLOGY CENTER R3700

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

FP	/	Friedman, Richard A. et al., "Implantable Defibrillators In Children: From Whence to Shock," <u>Journal of Cardiovascular Electrophysiology</u> , Vol. 12, No. 3, March 2001, pp. 361-362.
FQ	/	Gradaus, Rainer et al., "Nonthoracotomy Implantable Cardioverter Defibrillator Placement in Children: Use of Subcutaneous Array Leads and Abdominally Placed Implantable Cardioverter Defibrillators in Children," <u>Journal of Cardiovascular Electrophysiology</u> , Volume 12, No.3, March 2001, pp. 356-360.
FR	/	Mirowski, M. et al., "Automatic Detection and Defibrillation of Lethal Arrhythmias-A New Concept," <u>JAMA</u> , Vol. 213, No. 4, July 27, 1970, pp. 615-616.
FS	/	Olson, Walter H. et al., "Onset and Stability for Ventricular Tachyarrhythmia Detection in an Implantable Pacer-Cardioverter-Defibrillator," <u>IEEE</u> , (1987) pp. 167-170.
FT	/	Schuder, John C., "Completely Implanted Defibrillator," <u>JAMA</u> , Vol. 214, No. 6, November. 9, 1970. p. 1123 (single sheet).
FU	/	Schuder, John C., "The Role of an Engineering Oriented Medical Research Group in Developing Improved Methods and Devices for Achieving Ventricular Defibrillation: The University of Missouri Experience," <u>PACE</u> , Vol. 16, January 1993, pp. 95-124.
FV	/	Schuder, John C. et al., "Experimental Ventricular Defibrillation with an Automatic and Completely Implanted System," <u>Trans. Amer. Soc. Artif. Int. Organs</u> , Vol. XVI (1970) pp. 207-212.
FW	/	Schuder, John C. et al., "Standby Implanted Defibrillators," <u>Arch Intern. Med</u> , Vol. 127, February 1971, p. 317 (single sheet).
FX	/	Schuder, John C. et al., "Transthoracic Ventricular Defibrillation in the Dog with Truncated and Untruncated Exponential Stimuli," <u>IEEE Transactions on Bio-Medical Engineering</u> , Vol. BME-18, No. 6, November 1971, pp. 410-415.
FY		Tietze U. et al., "Halbleiter-Schaltungstechnik," ©Springer-Verlag (Berlin, Germany), (1991), pp. 784-786.
FZ		Walters, R.A. et al., "Analog to Digital Conversion Techniques in Implantable Devices," <u>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</u> , Vol. 13 No. 4 (1991) Pg. 1674-1676.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.